

RBS Working Group

August 2, 2005





Agenda

- > **Introductions**
- > **Review of RBS Steering Committee Meeting**
- > **JAPSO Role - Mr. Fred Tillack**
- > **RBS WG Objectives**
- > **Process for Selecting Initial Joint RBS Solutions (s)**
- > **Next steps**



RBS Steering Committee (RBSSC)

- > **Steering Committee formed June 14.**
- > **Senior leaders from Services, DLA, OSD**
- > **“to guide and coordinate the Department’s efforts to speed the time to benefit for RBS”**
- > **RBSSC members nominated RBS WG members.**
- > **Charged the RBS WG with identifying one or two initial RBS implementation projects by August 15**



Symposium Summary

- > **Significant experience in RBS exists across DoD.**
- > **Significant intellectual capital**
 - Custom developed algorithms and code
 - Emerging COTS based RBS tools
- > **RBSSC agreed that leveraged effort would speed time to benefit**
 - Lessons learned
 - Leading SMEs
 - Best of breed software
- > **The need for commonality across business processes exists**
 - Sharing demand data with DLA
 - Total asset visibility
 - Alignment of objectives and metrics



High Level RBS Requirements

- > **Ability to optimize appropriate outcomes**
 - Readiness
 - Others?
- > **Ability to apply real world constraints**
 - Budget
 - Weight/Cube
- > **MIME**
- > **Low density parts**
- > **DoD Specific requirements...e.g. battle damage**
- > **Life cycle management**
- > **Simulation**
- > **Ease of Use**

Initial implementation will address subsets of requirements



Challenges in implementing RBS

- > **Data Quality**
 - BOMs
 - Failure rates, etc
- > **DoD Uniqueness**
 - COTS tools do not have all the answers
- > **Financial Parameters**
 - Budgeting cycles
 - Color of money
 - WCF requirements
- > **Alignment of metrics between components**
- > **Cannibalization**



Enablers of RBS

- > **Internal knowledge and experience**
- > **Effective algorithms**
- > **Increased attention from senior leadership**
 - Joint RBS initiative
 - Joint APS initiative
 - Business Transformation programs
- > **Emerging COTS solutions**



How will a joint RBS implementation add value?

- > Align objectives and metrics
- > Align business processes-enable end to end planning
- > Enable cross component interoperability
- > Identify common problems, solve them once
- > Identify common requirements for COTS tools
- > Define hand-offs from optimization to planning to execution
- > Leverage lessons learned, and expertise across components
- > Identify external problems which require focus and investment e.g. data quality

How can we leverage excellent work done to date while preserving service specific requirements?



RBS WG Objectives

- > **Identify initial implementations as learning laboratory to leverage strengths and address weaknesses**
- > **Based on initial implementation, create knowledge base on:**
 - Capabilities and gaps in COTS offerings
 - Addressing internal challenges in data quality
 - Impact of financial systems on readiness-based processes
- > **RBS WG Deliverables will include:**
 - Initial implementations
 - Definition of RBS requirements and environment within Department



Criteria for initial RBS implementations

- > **What is the problem we're trying to solve, expressed functionally**
- > **Do we have existing data on the efficacy of our current efforts, to enable before/after comparisons?**
 - Readiness metrics
 - Inventory
 - Operating costs
 - Operating constraints
- > **Is the proposed implementation feasible within the time and resource constraints?**
- > **Will it yield an actual operational implementation?**
 - Drives real world operations
 - Order and replenish parts
 - Refurbish carcasses
 - Would live on if successful
- > **Do at least 3-4 components agree that the implementation will add value, and that they will provide required resources?**
- > **Does it promote process alignment?**
 - Between DLA and Services, and between Services
- > **Will it exercise the Requirements, Challenges, and Enablers identified by the PRSSC, including MME?**



Internal and External resources will be valuable

- > **Internal documentation related to RBS, to be posted on a knowledge sharing site**
- > **Lockheed Martin has offered to share their experiences with RBS**
- > **Offers for education of functional leadership by software vendors**



Draft process for choosing initial implementation (s)

- > **Review implementation criteria**
- > **Submit proposed implementations by August 9 meeting**
- > **Present and discuss proposals for implementation**
- > **Identify opportunities to partner DLA/Service and/or Cross-Service**
- > **Select proposal(s) to pursue**
- > **Firm up resources needed for procurement and implementations:**
 - IT support
 - Acquisition assistance



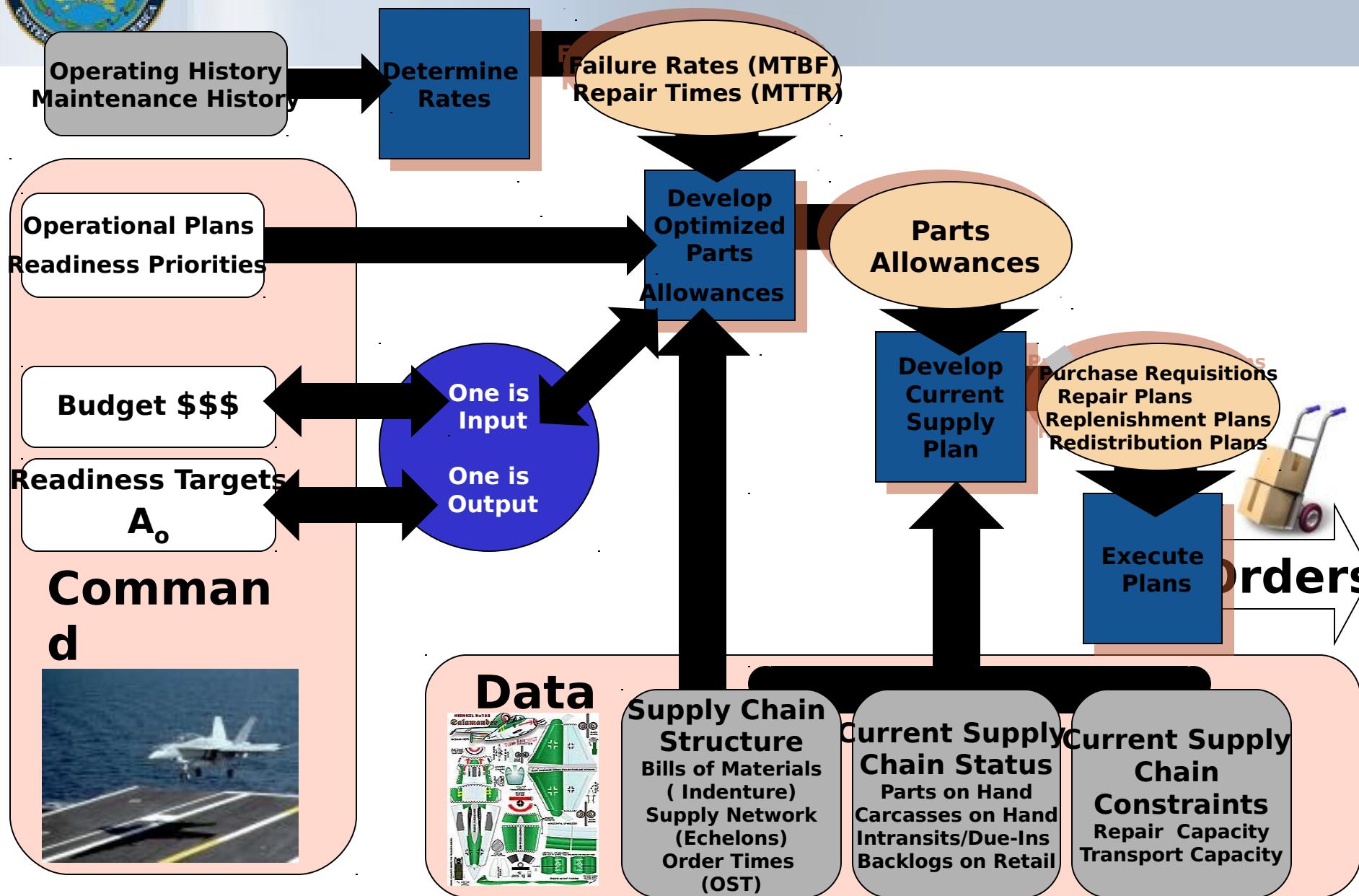
Sample Proposal for RBS Initial Project between DLA, Air Force, & Army

- > **The Air Force currently has two open actions to develop RBS approaches for requirements identification: one with DLA and one with the Army.**
 - The AF/DLA RBS tasker came out of Air Force/DLA Day.
 - The RBS tasker with the Army came out of the recent HH-60 General Officer Steering Group.
- > **Recommend these two efforts be consolidated and designated a pilot program under the RBS Working Group.**
- > **Scope: The Air Force, Army, and DLA will develop an RBS approach to achieve the following goals:**
 - 1. Develop and institute a multi-agency, multi-echelon, multi-indenture, multi-site model and process for requirements computation, allocation, and distribution
 - Focus on spares where DLA and/or the Army is the primary inventory control activity
 - 2. Recommend a set of system (e.g. cross-agency) goals to drive performance
 - Use customer wait time or aircraft availability targets
 - 3. Recommend a set of metrics to measure the effectiveness of the pilot

Note: the Navy also uses this aircraft



Readiness Based Spares Functional Scope





Next Steps